

**REMARKS**

Claims 1-2, 4-7, 22, 24-27, and 34 are pending and have been examined in the present application. Applicant has clearly denoted claims 8-21, 28-33 and 35-36 as “Withdrawn” as requested in the Office Action. Claims 3 and 23 have been cancelled. Applicant would like to thank the Examiner for withdrawing the previous rejections based on 35 USC § 101. Applicant would also like to thank the Examiner for indicating that claims 3 and 23 would be allowable if written in independent form.

Claims 22-27 are objected in the Office Action because of informalities. Applicant has amended the claims according to the suggestions presented in the Office Action. No new matter has been added and the objections has been obviated by the amendments.

In paragraph 8 of the Office Action, claims 1-2, 4, 7, 22, 24, 27, and 34 are rejected under 35 U.S.C. 102(a), as being anticipated by Page (Theoretical use of Cache Memory as a Cryptanalytic Side-Channel). In paragraph 10 of the Office Action, claims 5 and 25 are rejected under 35 U.S.C. 103(a), as being unpatentable over Page (Theoretical use of Cache Memory as a Cryptanalytic Side-Channel). In paragraph 11 of the Office Action, dependant claims 6 and 26 are rejected under 35 U.S.C. 103(a), as being unpatentable over Page (Theoretical use of Cache Memory as a Cryptanalytic Side-Channel) in view of Lee (6,654,874).

Applicant has amended independent claims 1, 22 and 34 by incorporating the allowable subject matter of claims 3 and 23 in these claims as suggested in the Office Action on page 9. Because of these amendment claims 1, 22 and 34 are in condition of immediate allowance.

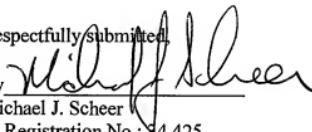
Claims 2 and 4-7 depend from claim 1 and includes all of the limitations found therein. Claims 2 and 4-7 include further limitations which, in combination with the allowable limitations of claim 1 are neither disclosed nor suggested in the art of record. Therefore, claims 2 and 4-7 are allowable.

Claims 24-27 depend from claim 22 and includes all of the limitations found therein. Claims 24-27 include further limitations which, in combination with the limitations of allowable claim 22 are neither disclosed nor suggested in the art of record. Therefore, claims 24-27 are allowable.

In view of the above amendment, applicant believes the pending application is in condition for allowance. No fee is believed to be due for this Amendment. Should any fees be required, please charge such fees to Deposit Account No. 50-2215.

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Respectfully submitted,

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